

ABSTRACT OF THE DISCLOSURE

A band rejection filter with poles includes a plurality of series resonant circuits having end terminals connected in common and other end terminals connected in series via a plurality of transmission lines each having a length that is an odd multiple of about the one-quarter wavelength at the resonance frequency of the plurality of series resonant circuits, and a jump-coupling circuit for roughly coupling two of the plurality of series resonant circuits, which are not adjacent to each other, to each other.